# Mountain Weather Forecast

## Snowdonia National Park

Forecast valid from 00:00 on Sunday 13 Dec 2020 until 23:59 on Monday 14 Dec 2020

Forecast Issued on Saturday 12 Dec 2020 at 14:25

**Confidence:** High confidence for the beginning of the period but lower confidence in the forecast from Wednesday.

**Headline for Sunday 13 Dec 2020:** Rain soon spreading across Snowdonia in and becoming very windy.

**Mountain weather hazards on Sunday 13 Dec 2020**

**Blizzards**
No Likelihood

**Heavy Snow**
No Likelihood

**Storm force winds**
No Likelihood

**Gales**
High Likelihood

**Severe chill effect**
Low Likelihood

**Poor visibility**
Low Likelihood

**Thunderstorms**
No Likelihood

**Heavy persistent rain**
Low Likelihood

**Strong sunlight**
No Likelihood

| **Weather and chance of precipitation at 800m** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | | | |
| Cloudy | Cloudy | Sleet | Sleet | Heavy Rain | Heavy Rain | Sleet showers | Drizzle |
| Precipitation probability | | | | | | | |
| 10% | 20% | 60% | 60% | 80% | 80% | 60% | 30% |

**Forecast for Sunday 13 Dec 2020**

**Weather:** Mainly dry overnight but cloud thickening and lowering towards dawn. A band of rain will spread across the Snowdonia from the west in the early morning. The rain may be sleet or snow on the highest tops at first. Rain will be heavy at times and quite persistent through the middle of the day becoming lighter and more drizzly by nightfall.

**Chance of cloud free mountain/hill tops above 800m:** In the early morning there is a slight chance of cloud free tops but for most of daylight hours the hill tops will be shrouded with extensive low cloud above 4-500m.

**Visibility:** Visibility will be moderate but become quite poor in heavier rain in the middle of the day. In general navigation will be tricky at height.

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# Mountain Weather Forecast

**Forecast for Sunday 13 Dec 2020**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **900** | 21/27 S | 30/38 S | 38/47 SE | 41/51 SE | 41/53 S | 35/47 SW | 40/54 SW | 40/55 S | 40/56 S |
| **600** | 15/21 S | 23/32 S | 29/38 SE | 30/43 SE | 29/40 S | 26/37 SW | 30/43 S | 29/43 S | 30/46 S |
| **300** | 8/18 S | 14/28 S | 19/35 SE | 23/42 SE | 19/36 S | 16/32 S | 20/38 S | 18/37 S | 20/41 S |
| **Valley** | 9/18 S | 14/28 S | 20/35 SE | 25/44 SE | 21/38 S | 17/31 S | 19/36 S | 18/35 S | 21/39 S |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **900** | 0/-6 | 0/-7 | 1/-7 | 2/-5 | 5/-2 | 6/-0 | 5/-2 | 4/-3 | 3/-4 |
| **600** | 2/-2 | 3/-3 | 4/-3 | 5/-2 | 7/2 | 8/3 | 7/2 | 6/0 | 5/-1 |
| **300** | 4/2 | 5/1 | 5/0 | 6/1 | 9/5 | 10/6 | 9/6 | 8/4 | 8/3 |
| **Valley** | 6/3 | 6/2 | 6/2 | 7/3 | 10/6 | 11/8 | 10/7 | 10/6 | 9/5 |
| **Freezing Level*** | 900m | 900m | 2300m | 2500m | 2400m | 1800m | 1600m | 1500m | 1400m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Freezing level will rise rapidly in the morning with any wintery precipitation soon turning to rain. Widespread gales on the mountain tops and severe gales on Snowdon itself.

**Forecast for Monday 14 Dec 2020**

**Weather:** Showery outbreaks of rain – some of these will be heavy. Perhaps some breaks in the cloud outwith showers and less frequent showers in the afternoon.

**Maximum wind:** Southerly 25-30mph with gusts 40-45mph

**Chance of cloud free mountain/hill tops above 800m:** 40%, scattered cloud will shroud the tops at times especially around more westerly mountains.

**Visibility:** Mainly moderate or good but becoming poor at times in rain.

**Temperature:** **Valleys:** Plus 8 celsius.
**At 800m:** Plus 3 celsius
**Freezing level:** Above the summits.

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# Mountain Weather Forecast

**Ground Conditions Supplement**
No recent ground conditions report available.

Issued at: 1425 on Sat 12 Dec 2020

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